

V&V Reference Report

L2 ASCDS Version : 8.5.1

Observation 59771 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 18 2012

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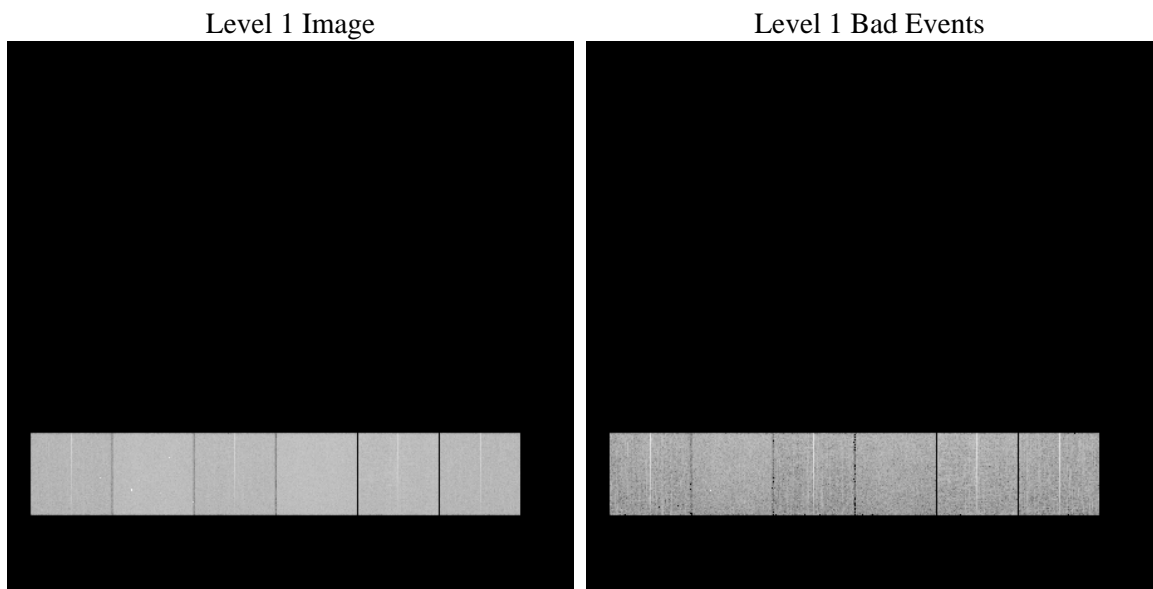
1 Front

seq_num	 	Sequence number
obs_id	59771	Observation id
title	ACIS-456789 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	0.0	Observer's specified target RA [deg]
dec_targ	0.0	Observer's specified target Dec [deg]
ra_nom	147.02855258421	Nominal RA [deg]
dec_nom	-12.00348125879	Nominal Dec [deg]
roll_nom	317.35923341808	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8241.9088661671	Sum of GTIs [s]
livetime	8137.5448534219	Livetime [s]
ontime4	6524.0669627488	Sum of GTIs [s]
ontime5	8241.8678261638	Sum of GTIs [s]
ontime6	7058.8697186708	Sum of GTIs [s]
ontime7	8241.9088661671	Sum of GTIs [s]
ontime8	7301.8610708416	Sum of GTIs [s]
ontime9	6838.6062396765	Sum of GTIs [s]
l2events	1092622	Number of level 2 events

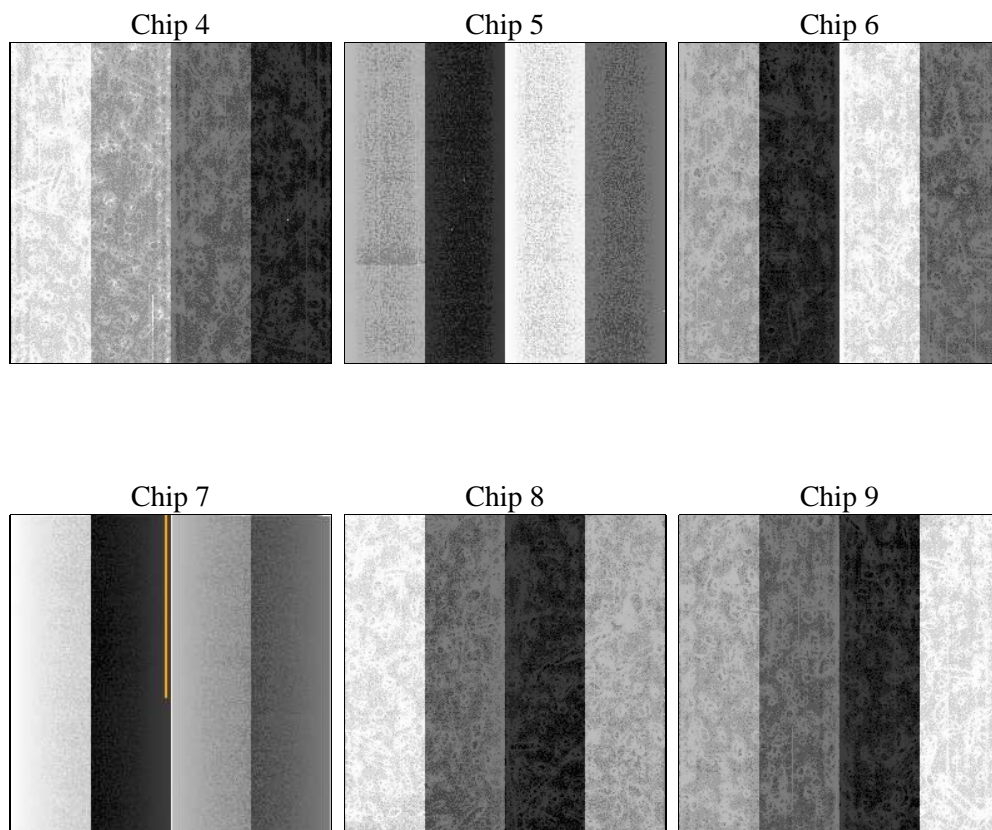
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.5.1	Processing system revision	ontime	8241.9088661671	Sum of GTIs [s]
caldsver	4.5.5	 	ontime4	6524.0669627488	Sum of GTIs [s]
date	2012-12-18T06:53:23	Date and time of file creation	ontime5	8241.8678261638	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	7058.8697186708	Sum of GTIs [s]
			ontime7	8241.9088661671	Sum of GTIs [s]
			ontime8	7301.8610708416	Sum of GTIs [s]
			ontime9	6838.6062396765	Sum of GTIs [s]
			l1events	1492836	Number of level 1 events

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9		ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	212851	270961	238255	285080	259724	225965	grade 0 events	93030	44139	101491	55272	107897	95084
rejected events	53078	59886	52355	52984	60497	53346		43%	16%	42%	19%	41%	42%
rejected %	24%	22%	21%	18%	23%	23%	grade 1 events	734	201	548	180	631	589
								0%	0%	0%	0%	0%	0%
							grade 2 events	25632	77310	32370	51052	35315	30034
								12%	28%	13%	17%	13%	13%
							grade 3 events	10747	12264	11646	23460	13231	11109
								5%	4%	4%	8%	5%	4%
							grade 4 events	10642	11965	11800	23160	13313	11122
								4%	4%	4%	8%	5%	4%
							grade 5 events	3000	9072	3421	9113	4101	3618
								1%	3%	1%	3%	1%	1%
							grade 6 events	20622	66457	29440	80362	30632	26075
								9%	24%	12%	28%	11%	11%
							grade 7 events	48444	49553	47539	42481	54604	48334
								22%	18%	19%	14%	21%	21%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-456789	ACIS-456789
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	147.0285525842054
[deg] Pointing Dec	0	-12.00348125878964
[deg] Pointing Roll	0.0	317.3592334180819
[mm] SIM focus pos	-0.684267	-0.6828225247311905
[mm] SIM defocus	0	0.8505141146731063
[mm] SIM translation stage pos	-190.132523	250.4635187648994
[mm] SIM translation stage offset	0	-0.007540371344731511
[s] Observation start time (MET)	226208176.675728	226208175.65073
Observation start date	2005-03-03T03:36:17	2005-03-03T03:36:15
[s] Observation end time (MET)	226230825.076754	226230824.05175
Observation end date	2005-03-03T09:53:45	2005-03-03T09:53:44
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
On-chip summing requested	N	N
Subarray requested	NONE	NONE
Alternating exposures requested	N	N
[s] Primary exposure time	3.2	3.2

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2013.01.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2419088661671

A.2 Comments